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4 DROPLETS, INC.,

5 Plaintiff,

6 v.

7 YAHOO! INC.,

8 Defendant.

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10 Case No. 12-cv-03733-JST11
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15 **ORDER GRANTING IN PART AND
DENYING IN PART DEFENDANT
NORDSTROM, INC.'S MOTION FOR
SUMMARY JUDGMENT**

16 Re: ECF Nos. 611, 753

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18 Before the Court is Defendant Nordstrom, Inc.'s motion for summary judgment of
19 noninfringement and lack of willful infringement. ECF No. 611. The Court will grant in part and
20 deny in part Nordstrom's motion.21 **I. BACKGROUND**22 Plaintiff Droplets, Inc. accuses Nordstrom of infringing U.S. Patent No. 6,687,745 (the
23 "745 Patent"). Droplets filed its original complaint in 2011, asserting infringement of the '745
24 Patent and the related U.S. Patent No. 7,502,838 (the "'838 Patent").¹ Both patents have since
been reexamined by the Patent and Trademark Office ("PTO"). The '838 Patent claims were
25 found to be invalid in a decision affirmed by the Federal Circuit. *See Droplets, Inc. v. Matal*, 698
26 F. App'x 612 (Fed. Cir. 2017) (mem.). The '745 Patent claims were affirmed as not invalid on
27 that record. The Court briefly reviews the remaining patent, the relevant claim constructions, and
28 Nordstrom's accused features.29
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1 **A. The Asserted Patent**

2 The '745 Patent, titled "System and Method for Delivering a Graphical User Interface of
3 Remote Applications Over a Thin Bandwidth Connection," issued on February 3, 2004 and claims
4 priority to a provisional application filed on September 14, 1999. ECF No. 612-1. The patent is
5 directed towards "an object-oriented approach for delivering interactive links to applications and
6 information stored in remote sources of a network." *Id.* at 1:27-31.

7 As the specification explains, browsing the Internet was cumbersome in 1999. *See id.* at
8 1:33-3:65. Search engines were novel, and keeping track of "hundreds of thousands" of web sites
9 posed a challenge. *Id.* at 3:3-10. Navigating to another page required leaving the existing one and
10 following a static link. *Id.* at 3:22-29. If the user then wanted to find the page again, she had to
11 navigate back to the original page and follow the same static link or write down the URL. *Id.* at
12 3:29-31. Existing methods for keeping track of webpages, such as bookmarks, lacked the ability
13 to store state information, such as information entered into a form. *Id.* at 3:36-55.

14 To solve these problems, the '745 Patent proposes the use of interactive links stored on a
15 user's computer to retrieve applications and previous operating states without re-navigating a web
16 page. *Id.* at 3:66-4:5. Figure 1 shows the proposed solution below. First, the client computer 20
17 requests content, such as a web page or email, from a content provider 30. *Id.* at 7:63-66. The
18 content 60 contains two elements: a "link" and a "droplet." *Id.* at 7:66-8:5. The "droplet" 70 is a
19 small application embedded in the web page content that executes to establish a connection to an
20 application server 40. *Id.* at 8:5-13. The application server then remotely executes an application
21 41 associated with the droplet to present functionality on the client computer. *Id.* at 8:16-21. The
22 application server further sends information 43 to tailor the application functionality to the client
23 device based on information sent by the droplet. *Id.* at 9:11-16.

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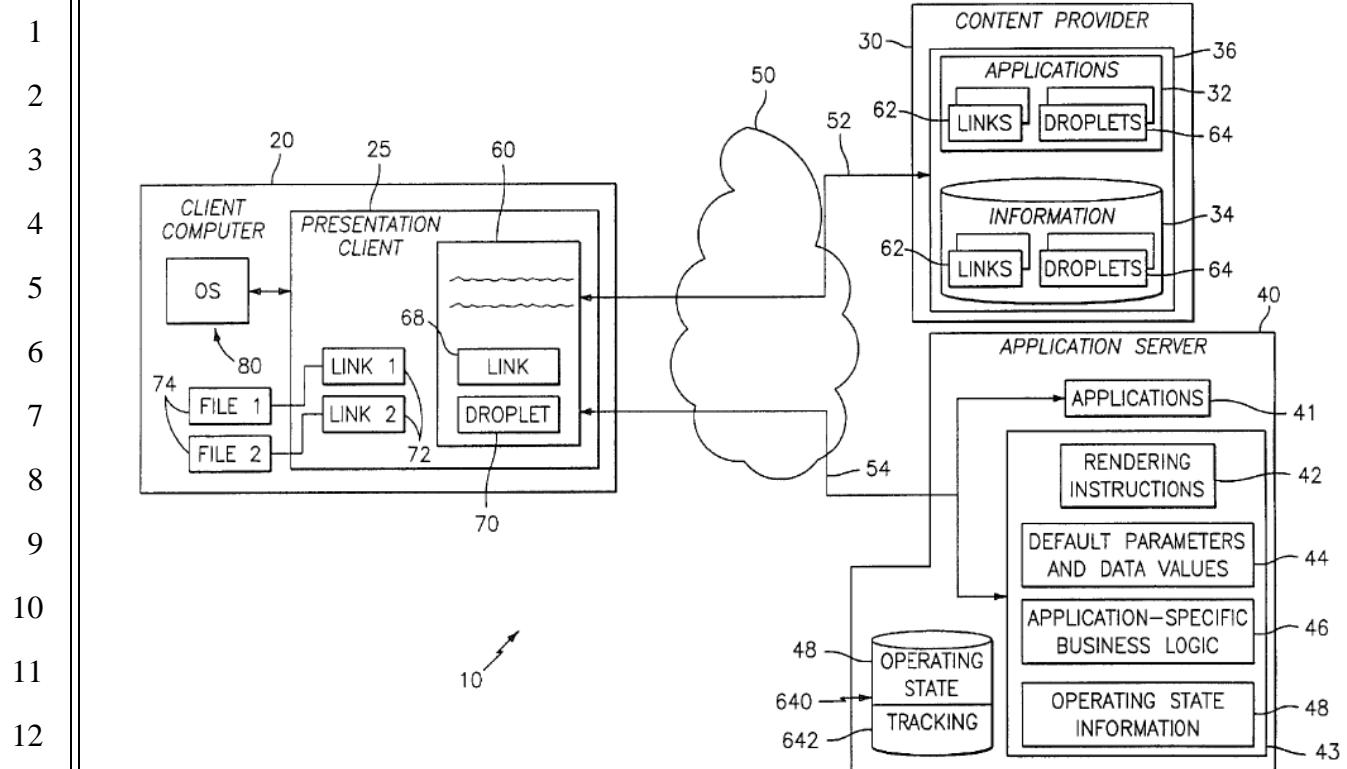


FIG. 1

To later retrieve the same application, the user moves the link 72 from the document 60 to the local computer. *Id.* at 14:36-42. To re-execute the application, the user needs only to select the interactive link on the client computer to invoke the droplet and does not need to re-access the prior content. *Id.* at 8:21-34, 17:39-45. Moreover, the application server stores state information 48, which allows the user to reload the application in the same state even if she moves to another device. *Id.* at 24:61-25:27. And by executing the applications remotely, the invention avoids the need to locally store applications. *Id.* at 17:52-57.

Droplets asserts multiple claims of the '745 Patent, including independent claims 1, 17, and 26. ECF No. 612-18 at 2 n.1. Claim 1 recites:

1. In a network configured computer processing system having a plurality of client computers and a plurality of host computers, *a method for delivering interactive links for presenting applications and information from remote sources on the network*, the method comprising:

retrieving, in response to a request of a client computer, over a first communication connection first information having computer program code embedded therein and executing the embedded computer program code for establishing a second communication connection to a second host computer;

sending second information relating to the operating environment of the client computer, from the client computer to the second host computer;

retrieving, over the second communication connection, third information including presentation information for presenting an application and fourth information, the presentation information being based on the second information;

presenting, at the client computer, the application and the fourth information based upon the presentational information; and

storing, on the client computer, an interactive link for selectively re-establishing the second communication connection to the second host computer for retrieving the third information and presenting the application and the fourth information.

ECF No. 612-1 at 29:65-30:25 (emphasis added).

B. Claim Construction

As relevant to this Order, the Court has construed the following claim terms:

Claim Term	Construction (ECF No. 429)
“interactive link” / “link”	computer code that (1) retrieves and presents applications and/or information stored at remote locations across the network when selected by an end user, and (2) includes facilities for restoring previous operating states of the application as the application is re-presented at a user’s computer. An interactive link cannot be a bookmark, cookie, shortcut, hyperlink or Internet address (URL).
“presentation client” / “presentation client program code”	platform independent software, running on a client computer, that can present remotely stored applications and that can transmit user input to remotely stored applications

C. The Accused Features

Droplets accuses twelve features of Nordstrom’s website that “update the display of the application based on information received from a Nordstrom application server without loading a new webpage/website.” *See* ECF No. 612-18. For instance, Droplets accuses a “Search Suggest” feature that suggests search terms while a user is typing into a search bar. *See id.* at 3. Droplets also accuses several display features, including the “filter” feature that shows a filtered view selected by the user, as well as sorting, selecting the next page, quick view, showing in-store availability, and changing parameters. *Id.* at 10; ECF No. 612-21 at 2-23.

1 Droplets asserts infringement from 2009 to the present. ECF No. 611 at 8:8-10. In 2018,
2 Nordstrom updated its website to the “Modern Web Platform,” or “MWP,” which uses a different
3 front-end JavaScript framework called React. ECF No. 731-3 at 11:9-11. According to Droplets,
4 React enhances certain website analytic data gathering but does not otherwise affect functionality.
5 *Id.* Droplets’ infringement case thus concerns both “Legacy” features on the pre-2018 platform
6 and “MWP” features on the post-2018 platform. *Id.*; ECF No. 611 at 8:8-10.

7 **II. JURISDICTION**

8 This Court has jurisdiction pursuant to 28 U.S.C. § 1331.

9 **III. LEGAL STANDARD**

10 Summary judgment is proper when a “movant shows that there is no genuine dispute as to
11 any material fact and the movant is entitled to judgment as a matter of law.” Fed. R. Civ. P. 56(a).
12 A dispute is genuine only if there is sufficient evidence for a reasonable trier of fact to resolve the
13 issue in the nonmovant’s favor, and a fact is material only if it might affect the outcome of the
14 case. *Fresno Motors, LLC v. Mercedes Benz USA, LLC*, 771 F.3d 1119, 1125 (9th Cir. 2014)
15 (citing *Anderson v. Liberty Lobby, Inc.*, 477 U.S. 242, 248-49 (1986)). The court must draw all
16 reasonable inferences in the light most favorable to the nonmoving party. *Johnson v. Rancho*
17 *Santiago Cmty. Coll. Dist.*, 623 F.3d 1011, 1018 (9th Cir. 2010).

18 Where the party moving for summary judgment would bear the burden of proof at trial,
19 that party “has the initial burden of establishing the absence of a genuine issue of fact on each
20 issue material to its case.” *C.A.R. Transp. Brokerage Co. v. Darden Rests., Inc.*, 213 F.3d 474,
21 480 (9th Cir. 2000). Where the party moving for summary judgment would not bear the burden of
22 proof at trial, that party “must either produce evidence negating an essential element of the
23 nonmoving party’s claim or defense or show that the nonmoving party does not have enough
24 evidence of an essential element to carry its ultimate burden of persuasion at trial.” *Nissan Fire &*
25 *Marine Ins. Co. v. Fritz Cos.*, 210 F.3d 1099, 1102 (9th Cir. 2000).

26 If the moving party satisfies its initial burden of production, the nonmoving party must
27 produce admissible evidence to show that a genuine issue of material fact exists. *Id.* at 1102-03.
28 The nonmoving party must “identify with reasonable particularity the evidence that precludes

1 summary judgment.” *Keenan v. Allan*, 91 F.3d 1275, 1279 (9th Cir. 1996). “A mere scintilla of
2 evidence will not be sufficient to defeat a properly supported motion for summary judgment;
3 rather, the nonmoving party must introduce some significant probative evidence tending to support
4 the complaint.” *Summers v. Teichert & Son, Inc.*, 127 F.3d 1150, 1152 (9th Cir. 1997) (citation
5 and internal quotation marks omitted). If the nonmoving party fails to make this showing, the
6 moving party is entitled to summary judgment. *Celotex Corp. v. Catrett*, 477 U.S. 317, 322-23
7 (1986).

8 **IV. DISCUSSION**

9 Nordstrom moves for summary judgment on four grounds. First, Nordstrom argues that
10 Droplets cannot show infringement for Legacy features because its analysis focuses exclusively on
11 the MWP platform features. Second, Nordstrom claims that the elements Droplets identifies for
12 “interactive links” lack “facilities for restoring previous operating states” and are not “stor[ed]” on
13 the client computer. Third, Nordstrom contends that prosecution disclaimer prevents Droplets’
14 current theory for “selectively re-establishing” a communication connection. Last, Nordstrom
15 argues that the element accused for the “presentation client” is not “platform independent.”
16 Nordstrom also moves for summary judgment of no willful infringement.

17 **A. Legacy Platform Features**

18 The first issue concerns representative products. Droplets argues that it properly analyzed
19 the Legacy features because its expert analyzed MWP features and found that Legacy features
20 infringed in the same way.² Nordstrom responds that Droplets cannot meet its burden for two
21 reasons: (1) Droplets failed to comply with local rules in asserting “representative products” in its
22 infringement contentions, which means that its expert report should be struck, and (2) even if not
23 struck, the expert report is insufficient to establish representativeness.³

24 _____
25 ² Droplets argues that the MWP and Legacy websites are not different products, but rather the
26 “same product hosted on a different platform.” ECF No. 731-3 at 10:9-11. Because Droplets’
27 own expert acknowledges that they are “different forms” and “versions” of the accused features,
28 Droplets must still show that the MWP features are representative. *See* ECF No. 665-7 ¶¶ 2, 3.

³ Nordstrom also argues that Droplets failed to identify any “interactive link” in the Legacy
features. This issue is coextensive with the representative product analysis; if MWP features are
representative, Droplets does not need to granularly analyze each version. The Court addressed

1. Compliance With Local Rules

2 This district's Patent Local Rules require a party asserting infringement to identify "where
3 and how each limitation of each asserted claim" is met in "each Accused Instrumentality." Patent
4 L.R. 3-1(c). "[T]he representative method of disclosing infringement contentions is appropriate,
5 provided the infringement contentions provide reasonable notice of the patent owner's theories of
6 infringement." *ASUS Computer Int'l v. Round Rock Res., LLC*, No. 12-cv-02099-0JST, 2013 WL
7 5545276, at *3 (N.D. Cal. Oct. 8, 2013) (collecting cases). The level of detail required to show
8 representativeness may vary depending on context. For instance, in *Geovector Corp. v. Samsung*
9 *Elecs. Co.*, No. 16-CV-02463-WHO, 2017 WL 76950, at *5 (N.D. Cal. Jan. 9, 2017), the court
10 found insufficient conclusory allegations of representativeness where a party accused "various
11 kinds of cell phones, tablets, and phablets" that are "not even the same general type of product."
12 *Id.* By contrast, courts have permitted more conclusory allegations of representativeness of
13 "different versions of a *single product*." *See Synopsys, Inc. v. ATopTech, Inc.*, No. 13-cv-02965-
14 MMC (DMR), 2015 WL 5210669, at *4 (N.D. Cal. Sept. 7, 2015) (emphasis in original).

15 Here, Droplets' Fourth Amended Infringement Contentions analyze a "specific example"
16 of source code from 2020 and state that "Droplets contends that Nordstrom has infringed in a
17 similar way since at least September 7, 2005." *See* ECF No. 665-11 at 68. As support, Droplets
18 cites an email from Nordstrom's counsel representing that the cited source code "reflects how [the
19 accused] features worked from about 2015 through today," as well as changelog files, Nordstrom
20 documents, and Nordstrom's interrogatory responses that fail to identify "any changes in source
21 code that affect infringement from 2005 to the present." *Id.* That is amply sufficient to "permit a
22 reasonable inference that all accused products infringe." *Synopsys*, 2015 WL 5210669, at **1, 4.
23 Accordingly, the Court finds that Droplets sufficiently disclosed its representative products theory
24 in its contentions and does not strike the expert report.

B. Sufficiency of Evidence

25 Turning to the merits, Nordstrom argues that Droplets' expert opinion is "overly
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27
28 the sufficiency of Droplets contentions for this limitation in the motion to strike order.

1 generalized” to support a jury finding of representativeness. ECF No. 611 at 20:15-19. “[T]here
2 is nothing improper about an expert testifying in detail about a particular device and then stating
3 that the same analysis applies to other allegedly infringing devices that operate similarly, without
4 discussing each type of device in detail.” *TiVo, Inc. v. EchoStar Commn’s Corp.*, 516 F.3d 1290,
5 1308-10 (Fed. Cir. 2008) (upholding jury verdict). However, an expert “cannot simply ‘assume’
6 that all [accused] products” are similar and “thereby shift to [the accused infringer] the burden to
7 show that is not the case.” *L & W, Inc. v. Shertech, Inc.*, 471 F.3d 1311, 1318 (Fed. Cir. 2006).
8 Instead, the expert must provide a “reasoned opinion” for why she believes the products operate
9 similarly for purposes of infringement. *See Implicit Networks Inc. v. F5 Networks Inc.*, Nos. C10-
10 3365 SI, C10-4234 SI, 2013 WL 1007250, at *12 (N.D. Cal. Mar. 13, 2013).

11 Here, the Court finds that Droplets proffers sufficient evidence of representativeness to
12 withstand summary judgment. Droplets’ expert, Dr. Douglas Schmidt, specifically analyzes both
13 the current source code and the source code for Build 13030, which he contends is representative
14 of the Legacy version. ECF No. 612-23 ¶¶ 3-4. He also cites deposition testimony of I-Chiang
15 Chen, Nordstrom’s 30(b)(6) witness, who testified that the “flow” of the infringing functionality
16 did not change between the MWP and Legacy platforms. *Id.* ¶¶ 5; *see* ECF No. 665-5 at 129:21-
17 130:13 (Chen testifying that accused functioned in the same way), 105:8-16 (same), 112:12-20,
18 119:18-24 (same). With respect to the interactive link, Dr. Schmidt opines on both the MWP and
19 the Legacy methods for generating interactive links. *See* ECF No. 612-23 ¶¶ 230, 234; *see also id.*
20 ¶ 259. Although Dr. Schmidt does not identify specific interactive links for the Legacy versions,
21 he states that “Nordstrom can, and does, change the specific names” dynamically, which makes
22 the identification of specific links exemplary only. ECF No. 611-21 ¶ 47.

23 While Nordstrom disputes this evidence – arguing that Mr. Chen was opining on “high-
24 level information flow,” rather than backend functionality, and that Dr. Schmidt fails to show that
25 the Legacy interactive link behaved in the same way – such arguments go to the weight of
26 evidence. Because a reasonable jury could find that the MWP versions are representative of
27 Legacy versions based on Dr. Schmidt’s analysis and Mr. Chen’s testimony, the failure to analyze
28

1 the Legacy version in detail is not fatal. The Court thus denies summary judgment on this issue.⁴

2 **C. Interactive Link**

3 Turning to the next issue, Nordstrom argues that the “interactive link” Droplets identifies
4 in its accused products (1) does not have “facilities for restoring previous operating states of the
5 application” and (2) is not “store[d]” on the computer. Each of these issues implicates claim
6 construction. Droplets argues that Nordstrom waived its arguments by failing to raise them during
7 the *Markman* stage. For the reasons stated in the order confirming claim construction, the Court
8 disagrees and finds the arguments to be properly raised. ECF No. 747. The Court thus considers
9 the additional claim constructions below. *See Freedman Seating Co. v. Am. Seating Co.*, 420 F.3d
10 1350, 1356 (Fed. Cir. 2005) (explaining that patent infringement requires a two-step inquiry: “First,
11 the court must construe the asserted claim,” and “[s]econd, the court must determine whether the
12 accused product or process contains each limitation of the properly construed claims”).

13 **1. “Restoring Previous Operating States”**

14 Nordstrom argues that “restoring previous operating states” is limited in the following
15 ways: the state must be (1) “particular to a user,” (2) “maintained on a server,” (3) “restored by
16 sending [information] to the client so that the user does not have to re-enter it and the server does
17 not have to re-determine it.” ECF No. 611 at 15:21-23. Nordstrom claims that the accused
18 products do not do this because they “recreate” the state, rather restoring it. ECF No. 611 at 16:1-
19 17:11. Nordstrom analogizes this difference to restarting a video in the same position (restoring
20 the state) and starting a video in the beginning and then fast forwarding to a previous position
21 (recreating the state). *Id.* at 15:24-28.

22 As an initial matter, Nordstrom is correct that the “previous operating state” must refer to a
23 particular user’s prior state.⁵ The’745 Patent provides three concrete examples of restoring prior

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25 ⁴ Nordstrom cites expert report errata showing that Droplets deleted references to adding Legacy
26 feature code in Dr. Schmidt’s report. *See* ECF No. 612-16 ¶ 61; ECF No. 612-17 ¶ 101, 283.
27 Because these paragraphs do not clearly relate to the “interactive link” limitation, they are of
28 limited relevance.

⁵ This interpretation is further required by issue preclusion, as the Court explained in the order
confirming claim construction. ECF No. 749.

1 operating states. First, with respect to the disclaimed prior art, the patent describes technologies
2 such as bookmarks that “may return a user to a previously displayed web page, such as a form for
3 completing a commercial transaction, but information that may have been completed on the form
4 is generally not saved.” ECF No. 612-1 at 3:55-60. Bookmarks are thus disparaged as failing to
5 “maintain information pertaining to a previous operating state of the web site.” *Id.* The
6 implication is that showing a previously displayed web page (the form) does not constitute
7 “restoring a previous operating state” unless data provided by the user is displayed.

8 Second, with respect to the exemplary “Stock Watcher” application, the specification
9 describes a user “alter[ing] the size of the window representing the stock watcher application” and
10 then having the same sized window reopen when the user starts a new session on another device.
11 *Id.* at 25:31-55. Again, resizing a window is a user action – merely showing a window with the
12 same dimensions does not constitute restoring an operating state. Finally, also with respect to
13 “Stock Watcher,” the specification describes a user “add[ing] a number of personal stock offerings
14 to a list of ‘watched’ stocks” and then having the same list displayed when “re-invoking the Stock
15 Watcher application.” *Id.* In this case also, an “operating state” refers to “modifications made to
16 an application invoked by a user.” *Id.* at 25:58-65; *see also id.* at 25:66-26:4. This interpretation
17 is further supported by descriptions of retrieving the operating state via user id, *id.* at 24:66-25:6,
18 storing state information in long-term storage to account for “prolonged delay in user activity,” *id.*
19 at 26:4-7, and resolving conflicts when a user attempts to open multiple sessions. *Id.* at 26:23-36.
20 Accordingly, the Court finds that “previous operating state” must refer to a particular user’s
21 operating state and particularly to “modifications made to an application” by the user.

22 However, Nordstrom has not shown that this broad proposition justifies importing the
23 other requirements it seeks – such as “server” storage or resending information – nor, indeed, that
24 these requirements would justify summary judgment.⁶ Although the embodiments described in
25 the specification use a remote server to store information for retrieval when the user restarts the
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27

⁶ Nordstrom does not articulate a precise proposed construction of this term and thus refers to
28 requirements that are not found in all of the claims. For instance, claim 1 does not require a
“server” and thus cannot plausibly require a server to store information.

1 application, Nordstrom has not explained why the claims should be limited to this highly specific
2 method for restoring a state. *See Akamai Techs., Inc. v. Limelight Networks, Inc.*, 805 F.3d 1368,
3 1375 (Fed. Cir. 2015) (“Claims are not necessarily and not usually limited in scope simply to the
4 preferred embodiment.”); *Hill-Rom Servs., Inc. v. Stryker Corp.*, 755 F.3d 1367, 1377 (Fed. Cir.
5 2014) (improper to limit claim terms to embodiments “in accordance with the present invention”
6 without an indication of their “importance, essentiality, or criticality”).

7 Moreover, Nordstrom has not clearly explained which aspects of the proposed construction
8 the accused products fail to meet. Nordstrom claims that “restoration” of a state in the accused
9 products “cause[s] new invocations of the remote applications and the generation of new output,
10 independent of any previous user interaction.” ECF No. 611 at 17:2-5, 16:11-14. However, Dr.
11 Schmidt explains that the previous operating state may be based on user input. For instance, in the
12 search suggest functionality, a user may enter the word “test” and then delete the second letter “t,”
13 to recreate the state of searching for “tes.” ECF No. 612-20 ¶ 23. A reasonable jury could find
14 that “tes” reflects previous input by the user. Similarly, a user may select the filters A, B, and C,
15 and then deselect filter C to restore the previous state where the user selected A and B. ECF No.
16 612-20 ¶ 62. That the accused products use a different method for recreating states – rerunning
17 the application instead of storing individual results – does not clearly fail to meet this limitation
18 where Nordstrom has not shown that any particular method is required.⁷

19 In short, Nordstrom has not shown that the claims are limited to any specific method of
20 restoring operating states or that no reasonable jury could find that the accused products do so.
21 Summary judgment on this issue is denied.

22 2. “**Storing on the Client Computer”**

23 Nordstrom next claims that Droplets’ infringement theory that the interactive link is
24 “stored” in the random access memory (“RAM”) of the client computer is barred by prosecution
25

26 ⁷ Similarly, Nordstrom has not explained why the operating state is not “maintained on a server,”
27 ECF No. 611 at 15:22, particularly since search suggestions and other output is presumably stored
28 somewhere. And it has not explained why a user would have to re-enter information to recreate
the state (e.g., by retyping “tes” after deleting a “t” in “test”). *Id.* Thus, even assuming the extra
requirements asserted in Nordstrom’s brief, Nordstrom has not connected the dots of its argument.

1 disclaimer. Nordstrom focuses on two aspects of the prosecution: the initial reexamination of the
2 '745 Patent and the '838 Patent reexamination and subsequent Federal Circuit appeal. Nordstrom
3 also argues that the "ordinary meaning" of the term is not met by Droplets' interpretation. As with
4 the previous issue, the Court first considers the scope of the claims and then the application to the
5 accused products. *See Freedman Seating*, 420 F.3d at 1356.

6 **a. Limitations on Claim Scope**

7 Prosecution disclaimer narrows the ordinary meaning of a claim term when the patentee
8 "unequivocally and unambiguously disavows a certain meaning to obtain a patent." *See Biogen*
9 *Idec, Inc. v. GlaxoSmithKline LLC*, 713 F.3d 1090, 1095 (Fed. Cir. 2013). The purpose is two-
10 fold: first, prosecution disclaimer protects competitors' rights "to rely on those representations [in
11 the prosecution] when determining a course of lawful conduct," and second, it ensures that "claims
12 are not construed one way in order to obtain their allowance and in a different way against accused
13 infringers." *See Aylus Networks, Inc. v. Apple Inc.*, 856 F.3d 1353, 1359-60 (Fed. Cir. 2017)
14 (citations omitted). The prosecution history also "provides evidence of how the PTO and the
15 inventor understood the patent." *Id.* (citing *Biogen*, 713 F.3d at 1095). However, prosecution
16 disclaimer only attaches to statements that are "clear and unmistakable." *Id.* at 1359.

17 Ordinarily, prosecution disclaimer requires analysis of the prosecution history as a whole.
18 *See Elkay Mfg. Co. v. Ebco Mfg. Co.*, 192 F.3d 973, 979 (Fed. Cir. 1999). In this case, however,
19 Nordstrom's second basis for prosecution disclaimer – the '838 Patent reexamination – presents a
20 different issue because both the PTO and the Federal Circuit rejected Droplets' arguments about
21 claim meaning.⁸ There, the PTO found that a prior art "Hickman" reference disclosed "storing" an
22 interactive link because its "processor can only access [the interactive link] if it is stored (whether
23 short-term or long-term) somewhere in the memory of the computer." ECF No. 612-13 at 6. "All
24 programs and data are stored in the memory to be executed" because otherwise "a processor has
25 no access to the program and data to be executed." *Id.* On appeal, Droplets argued that the PTO

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⁸ That the '838 Patent reexamination relates to a different patent does not necessarily defeat
28 prosecution disclaimer because the patents are related. *See Teva Pharma. USA, Inc. v. Sandoz,*
Inc., 789 F.3d 1335, 1343 (Fed. Cir. 2015).

1 erred because “[t]he entire point of *storing* the link was not simply to say that it was lodged in the
2 computer’s transient memory.” ECG No. 612-12 at 14. The Federal Circuit was not convinced
3 and affirmed the PTO’s decision. *See* 698 F. App’x 612.

4 The PTO’s rejection of Droplets’ argument likely prevents application of prosecution
5 disclaimer. Numerous district courts have declined to apply prosecution disclaimer to arguments
6 rejected by the PTO. *See, e.g., Power Integrations, Inc. v. ON Semiconductor Corp.*, 396 F. Supp.
7 3d 851, 364 (N.D. Cal. 2019); *Zoho Corp. v. Sentius Int’l LLC*, No. 4:19-cv-0001-YGR, 2020 WL
8 3128910, at *11 (N.D. Cal. June 12, 2020); *Motiva Patents, LLC v. Sony Corp.*, No. 9:18-CV-180-
9 JRG-KFG, 2019 WL 3933670, at **19-20 (E.D. Tex. Aug. 20, 2019). The Federal Circuit has
10 done the same in an unpublished opinion. *Galderma Labs., L.P. v. Amneal Pharmas. LLC*, 806 F.
11 App’x 1007, 1010-11 (Fed. Cir. 2020). That rule makes sense because rejected arguments do not
12 implicate the policies served by prosecution disclaimer: they pose no risk that claims will be
13 construed one way to obtain allowance and another for purposes of infringement, and the PTO’s
14 rejection defeats any reasonable reliance on the statements by competitors. *See Zoho*, 2020 WL
15 3128910, at *11 & n.11; *Power Integrations*, 396 F. Supp. 3d at 864.

16 If there was any doubt against applying prosecution disclaimer, the parties here also
17 dispute the characterization of the prosecution history. ECF No. 720 at 9:17-10:18. Nordstrom
18 claims that the PTO rejected a different argument than the one creating prosecution disclaimer, but
19 it does not describe the outcome of the relevant argument or explain how the Federal Circuit
20 affirmed the PTO’s rejection without rejecting it.⁹ Recognizing the lack of clarity, Nordstrom
21 states that the Court “need not consider whether Droplets disavowed use of RAM or transient
22 memory for storage” in its reply. ECF No. 720 at 9:17-18. The Court accepts Nordstrom’s
23 suggestion for the ’838 Patent reexamination and does not consider it further.

24 As for the ’745 Patent reexamination, Nordstrom cites the following passage as evidence
25 of prosecution disclaimer:

26
27 ⁹ Nordstrom seeks to apply prosecution disclaimer in part based on arguments Droplets raised in
28 an appeal brief. *See* ECF No. 611 at 19:4-17. The Federal Circuit presumably rejected those
arguments in affirming the PTO. In any case, the dispute over the nature of those arguments
means that Nordstrom has not shown the disclaimer to be “clear and unmistakable.”

1 Shaw discusses a “webtop” system with icons for user selection, those
2 icons providing for launching an application on the application server
3 280. Shaw discusses the server gathering all objects (applications,
4 documents, etc.) associated with a user and dynamically creating a
web page to represent this information. Accordingly, links to
applications are not stored on the client or the server, rather these links
are generated by the server in response to a user request.

5 Adobe improperly mischaracterizes the disclosure of Shaw in the
6 reexamination request, and hence by the Office Action reliance on
7 this mischaracterization, the Office Action also mischaracterizes the
8 disclosure of Shaw. For example, on page 115, the section relating to
9 the limitation, states that “Shaw discloses downloading, i.e., storing,
10 a webtop to the client computer. Shaw, col. 13, lines 63-66.” Rather,
11 the cited passage states that upon confirmation of password
12 information, the “session managers downloads to client device 214 a
13 webtop that is built up using the bottom up traversal of the data store
14 273 containing icons representing the application programs available
15 to the user.” Adobe’s mischaracterization includes 2 significant
16 oversights - (1) equating the step of downloading to storing; and (2)
17 asserting that the download of the webtop identically discloses the
18 storage of an interactive link. Neither of these is proper.

19 ECF No. 612-5 at 4-5.

20 This passage shows, at most, disclaimer of “downloading” as storage. Because Droplets does
21 not assert that the accused products meet the claimed “storing” limitation through downloading, the
22 relevance of this passage is limited. In its brief, Nordstrom claims disclaimer of “downloading to
23 RAM or transient memory.” ECF No. 611 at 18:21-22. The cited passage above does not mention
24 RAM or transient memory, and the Court finds that Droplets did not disclaim this specific formulation
25 proposed by Nordstrom. The Court does not consider the issue further.

26 Accordingly, prosecution disclaimer does not limit the ordinary meaning of the “storing”
27 limitations in this case.

28 b. **Storing in the Accused Products**

29 Nordstrom claims that the accused products do not satisfy the ordinary meaning of the
30 “storing” limitation for two reasons: first, the interactive links are only placed into RAM, not into
31 permanent storage, and second, Droplets identifies multiple JavaScript files as the interactive link but
32 fails to show that they are stored on the computer “at the same time.” ECF 611 at 19-20.

33 With respect to the first argument, Nordstrom’s own expert acknowledges that placing data
34 into RAM constitutes storage. *See* ECF No. 670-20 at 213:2-19 (“If you corner a computer scientist

1 on the street and you ask him, ‘If I put some data into random-access memory, is that storing?’ he
2 would say ‘Yes.’”); *see also* ECF No. 670-21 ¶ 149 (“No doubt the word ‘storing’ to a POSITA would
3 normally include placing data in processor memory and would not require persistent (non-transitory)
4 storage, as, for example, on a disk drive.”). That demonstrates disputes of fact over whether placing
5 into RAM constitutes “storing.”

6 With respect to the second argument, Nordstrom fails to explain its basis for arguing that
7 “storing” requires storage of files “at the same time.” Nordstrom cites paragraph 21 of the Shamos
8 Report to argue that “[i]f the constituent files are not all present at the same time, the interactive link is
9 not present,” but Dr. Shamos does not support that opinion. *See* ECF No. 611 at 21:3-5; ECF No. 612-
10 15 ¶ 21; *see generally* ECF No. 612-15 (Dr. Shamos opining broadly on disclaimer in the prosecution
11 history without mentioning storing files “at the same time”). Absent any context or analysis for this
12 limitation, Dr. Schmidt’s opinion that the JavaScript files are stored on a client computer is sufficient
13 to demonstrate a dispute of fact. *See, e.g.*, ECF No. 612-20 ¶ 150.

14 Accordingly, the Court denies summary judgment on this issue.

15 **D. Selectively Re-Establish**

16 Next, Nordstrom claims that prosecution disclaimer bars Droplets’ infringement theory for
17 “selectively re-establishing” a communication channel. During reexamination of the ’745 Patent,
18 Droplets argued that two prior art references – “Britton” and “LeMole” – did not meet the “selectively
19 re-establishing” limitation. *See* ECF No. 612-5. The Court again reviews the prosecution history for
20 potential disclaimer of claim scope and then considers the accused products.

21 **1. Limitations on Claim Scope**

22 During the ’745 Patent reexamination, Droplets argued that Britton does not teach re-
23 establishing communications because it does not “rely on parameters of a previous session” to re-
24 establish the connection but requires “the steps of optimizing content tailoring” to be “performed
25 again.” ECF No. 612-5 at 3. Droplets explained:

26 As noted above, Britton expressly describes a session-specific technique
27 for content tailoring. A given example is a PDA that may be connected
28 through a satellite in one session and then through an Ethernet another
time. (col. 10, lines 26-29). In fact, Britton notes that “because the
connection type may change from session to session, the distribution of

1 content tailoring may change from session to session. (col. 10, lines 24-
2 26).

3 Therefore, it is a basic tenant of the Britton system to not allocate a client
4 device to a specific configuration (e.g. session) because it would be
5 problematic when the client device ends communication and re-
6 establishes communication. Britton refuses to rely on the parameters of
7 a previous session, as client-specific conditions may have changed.
8 Rather, Britton emphasizes the benefit of performing the optimization of
9 content tailor functions whenever a new session begins.

10 Because Britton teaches against tying a client device to a specific content
11 tailoring framework, it is in contrary to this very teaching that Britton
12 would store an “interactive link” to “re-establish” the second
13 communication connection. Rather, the express nature of Britton’s
14 session-specific content tailor requires that when the client device
15 engages the server after completion of a session, the steps of optimizing
16 content tailoring (e.g. accessing the policy and rule repository 30) is
17 performed again because there may have been a change in the “session
18 specific information.

19 *Id.*

20 Furthermore, Droplets argued that LeMole does not teach “re-establishing the second
21 communication connection” because it “generates a new web page or advertisement access” each time
22 to create a “new and different page.” *Id.* at 6. Droplets explained:

23 In support of the reexamination and the present rejection, Adobe and
24 the Office Action improperly mischaracterize the teachings of
25 LeMole because when web pages are dynamically created, they are
26 continuously updated, changed or created in real-time. The described
27 hyperlink of LeMole does not “re-establish” the second
28 communication connection, but rather generates a new web page or
29 advertisement access. Under the LeMole system, re-establishment of
30 a previous session is not possible since the web page is always a new
31 and different page. New sessions are always created as a result of
32 dynamically created pages.

33 As explicitly noted in LeMole, once connected to database 112, an
34 advertising page is dynamically configured for the user (LeMole,
35 column 4, 11. 18-27). Each time a user enters the commercial context
36 mode a dynamically created and customized HTML formatted page
37 is presented to the user (LeMole, column 4, 11. 55-58). Dynamically
38 created pages indicate that each user session is a new session. As
39 such, Patent Owner respectfully submits that a new session is not a
40 re-established or restored communication connection to a host
41 because a new session establishes another or different communication
42 connection to the host.

43 More expressly, the intent of LeMole is to not have the same pages
44 shown again (LeMole, column 5, lines 15-22). LeMole would not
45 have wanted to re-establish a connection because it aims to show a
46 different advertisement to users every time. And hence it is improper
47 to interpret LeMole as teaching or suggesting the claimed

“reestablishing.”

Id. Further emphasizing the point, Droplets explained that “dynamically creating web pages . . . does not allow for selective re-establishment of a communication profile.” *Id.* at 7. For instance, “a user can not directly select or affect the advertisements displayed on the advertising pages” and “cannot selectively view a previous advertisement.” *Id.* “By contrast, [the ’745 Patent] claims provide[] for a user to be able to restore a previous session or start a new session.” *Id.*

Based on these statements, the Court agrees that “re-establishing” a connection must restore and “rely on the parameters of the previous session.” In both Britton and LeMole, a content page is recreated from scratch and the user may see a new operating state. By contrast, the whole point of the interactive link in the ’745 Patent is to display the previously accessed applications “without re-navigating back to the web page 110 that originally presented [them] to the user” and while restoring “previous operating states.”¹⁰ *See, e.g.*, ECF No. 612-1 at 17:45-51, 4:25-30, 3:66-4:5. Moreover, during the ’838 Patent reexamination – which provides relevant evidence for parties’ understanding of this term – Droplets clearly explained that “re-establishing” a connection “does not mean simply stumbling across the same website or the same host computer twice.”¹¹ ECF No. 612-12 at 11. Rather, it means that the connections are not “independent” and not “unrelated.” *Id.* at 12.

Based on the foregoing, the Court finds that “re-establishing” a connection means that the connection is established based on a previous connection and restores the previous operating state.

2. Re-Establishing Connections in the Accused Products

Nordstrom argues that its accused products do not meet this limitation because each connection is wholly independent of the previous one. For instance, Dr. Shamos explains that in Search Suggest, “[e]ach time the user enters a character, a Search Suggest server dynamically creates a new page insert to send to the user.” ECF No. 612-15 ¶ 162; *see also id.* ¶ 167 (noting

¹⁰ The claims refer to “selectively” re-establishing a communication connection. *See* ECF No. 612-1 at 30:21-25. This corresponds to the description that a user “is given an option of re-loading or not re-loading the state information” of the last session. *Id.* at 25:17-18.

¹¹ Although the '838 Patent has different claim language, claim 2 is the same in relevant part: it requires “re-establishing” a communication connection through an interactive link, but recites a “host” computer” rather than a “second” host computer. ECF No. 670-22 30:3-7. Both host computer refer to the application server of the specification. *See id.* at 29:48-30:2.

1 that the second connection “is an entirely new session”). However, Dr. Shamos does not opine on
2 any other accused product. Nordstrom also cites Dr. Schmidt’s report to argue the accused
3 products “cause new invocations” and “generation of new output, independent of any previous
4 user interaction,” each time. ECF No. 611 at 17:2-11. The cited paragraphs, however, describe
5 source code for establishing a connection in the first instance – not “re-establishing” it later on.
6 *E.g.*, ECF No. 612-20 ¶¶ 39-56; ECF No. 612-21 ¶¶ 73-84.

7 Accordingly, Nordstrom has not met its burden to show that the accused products re-
8 establish a connection independent of the previous connection.

9 **E. Presentation Client Code**

10 Turning to the next issue, Nordstrom claims that the accused “presentation client code” – a
11 browser such as Chrome, Safari, and Internet Explorer – is not “platform independent software.”
12 According to Nordstrom’s expert, Dr. Shamos, the software required to run a particular browser
13 on a Windows system is “completely different” from the software required to run it on an Apple
14 computer, even if the program is nominally the same. *See* ECF No. 612-15 ¶ 112.

15 As an initial matter, the Court questions whether Nordstrom’s position is consistent with
16 its prior claim construction arguments. At *Markman*, all parties agreed that a “presentation client
17 code” must be platform-independent. *See* ECF No. 404 at 28. Nordstrom and its co-defendant
18 Yahoo! Inc. had explained that “platform independent software” “does not mean that the same
19 piece of software that implements the presentation client is operable on all client computers.” *Id.*
20 at 22:20-22. Rather, Defendants claimed that “platform independent” means “that a particular
21 client computer specific instance of the presentation client is able to work with any application
22 that is enabled for the alleged invention.” *Id.* at 22:22-24.

23 Defendants’ interpretation had strong support: the specification explains that because the
24 presentation client is platform independent, “one instance of the droplet presentation client 25 can
25 execute all instances of droplet-enabled applications whether downloaded from a web page or a
26 standalone application running on the desktop.” ECF No. 612-1 at 27:17-21. “However, the
27 implementation of the droplets presentation client 25 *may differ over various hardware and*
28 *software platforms.*” *Id.* at 27:21-23 (emphasis added). Accordingly, the Court finds Nordstrom’s

1 original interpretation of the construction more persuasive than its current interpretation that
2 “platform independent” requires operability on all client computers.

3 In any case, Dr. Schmidt disagrees that the browser code is not platform independent. *E.g.*,
4 ECF No. 612-20 ¶ 170 (“The browsers can be used on any computers or mobile devices, and in
5 coordination with different operating systems, such as Windows Microsoft and iOS, and are thus
6 platform independent.”). Disputes of fact therefore remain even under Nordstrom’s current
7 interpretation. Summary judgment on this issue is denied.

8 **F. Willful Infringement**

9 Nordstrom last moves for summary judgment of no willful infringement. Willful
10 infringement must rise to the level of “wanton, malicious, and bad faith behavior.” *SRI Int’l, Inc.*
11 *v. Cisco Sys., Inc.*, 930 F.3d 1295, 1309 (Fed. Cir. 2019); *see also Halo Elecs., Inc. v. Pulse Elecs.,*
12 *Inc.*, 136 S.Ct. 1923, 1932 (2016) (requiring conduct that is “willful, wanton, malicious, bad-faith,
13 deliberate, consciously wrongful, flagrant, or – indeed – characteristic of a pirate.”). Willfulness
14 is a question of fact that the patentee must prove by a preponderance of the evidence. *Polara*
15 *Eng’g Inc. v. Campbell Co.*, 894 F.3d 1339, 1353 (Fed. Cir. 2018).

16 Here, Droplets claims willful infringement because (1) the asserted patent survived
17 reexamination, (2) Nordstrom relies on an invalidity reference similar to a reference cited by the
18 PTO, (3) Nordstrom refused to take out a license and settle the case, even after a jury found other
19 defendants infringing, (4) Nordstrom did not adopt non-infringing alternatives when migrating the
20 MWP platform, and (5) Nordstrom lacks established policies for patent licensing, patent search,
21 and responding to allegations of infringement.¹² ECF No. 670 at 27-30.

22 This is not the kind of “wanton, malicious, [or] bad-faith” behavior that will support a
23 finding of willful infringement. Litigation tactics – such as refusing to settle a case or choosing to
24 assert invalidity – generally cannot support a finding of willfulness. *See Jurgens v. CBK, Ltd.*, 80
25 F.3d 1566, 1570 (Fed. Cir. 1996). That is because aggressively litigating a case and
26 “unnecessarily prolonging litigation” is “not related to the underlying act of infringement and
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28 ¹² Droplets initially asserted willful infringement for pre-suit conduct. However,

1 say[s] nothing about the culpability of the infringer.” *Id.* Were the rule otherwise, any party that
2 risked litigation rather than settling a borderline case would be liable for willfulness. That is not
3 the law. *See Halo*, 136 S.Ct. at 1932 (explaining that enhanced damages for willfulness “are not
4 to be meted out in a typical infringement case, but are instead designed as a ‘punitive’ or
5 ‘vindictive’ sanction for egregious conduct”).

6 The remaining conduct is similar to that found insufficient for willful infringement in *SRI*
7 *International, Inc. v. Cisco Systems, Inc.*, 930 F.3d 1295 (Fed. Cir. 2019). There, the Federal
8 Circuit vacated a district court’s denial of JMOL where the accused infringer did not know of the
9 patent until litigation and willfulness rested on employees failing to read the patent and continuing
10 to infringe. *Id.* at 1309. Here, too, Droplets alleges no more than ordinary infringement. *See*
11 *Intellectual Ventures I LLC v. Symantec Corp.*, 234 F. Supp. 3d 601, 612 (D. Del. 2017), *aff’d*, 725
12 F. App’x 976 (Fed. Cir. 2018) (rejecting argument that “enhanced damages are warranted because
13 Symantec has continued to update, produce, and sell VVR even [after] this suit was filed”).
14 Droplets’ cited authorities are distinguishable: *Apple Inc. v. Samsung Electronics Co.*, 258 F.
15 Supp. 3d 1013, 1027 (N.D. Cal. 2017), involved allegations of copying, and *Packet Intelligence*
16 *LLC v. NetScout Sys., Inc.*, 965 F.3d 1299, 1315-16 (Fed. Cir. 2020), had the infringer claim that
17 the patentee “lied and stole the inventions” dispute never reading the patent. Neither of these
18 issues is present here.

19 Accordingly, the Court grants summary judgment of no willful infringement.

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CONCLUSION

For the foregoing reasons, the Court grants summary judgment of no willful infringement but otherwise denies Nordstrom's motion.¹³

IT IS SO ORDERED.

Dated: July 2, 2021


JON S. TIGAY
United States District Judge

United States District Court
Northern District of California

¹³ Droplets' motion for leave to file a supplemental in opposition, ECF No. 753, is denied. The Court has denied the relevant part of Nordstrom's motion, and, as Droplets acknowledges, "that additional briefing would appear to be unnecessary." *Id.* at 2.